Category: Sun Care

**HS1-044: NuLastic Sunscreen Gel**

|  |  |  |  |
| --- | --- | --- | --- |
| Ingredient | INCI | Supplier | W/W% |
| Phase A (NuLastic) |  |  |  |
| NuLastic Soft ID-6 | **Isododecane (and) Divinyldimethicone/ Dimethicone Crosspolymer** | **Alzo International** | **75** |
| Phase B (Sunscreen) |  |  |  |
| Eusolex 9020 | Avobenzone | Merck | 3 |
| Octocrylene | Octocrylene | L'Oréal | 5 |
| Eusolex OS | Octisalate | Merck | 5 |
| Eusolex HMS | Homosalate | Merck | 5 |
| Bernel Ester DCM | **Dicaprylyl Maleate** | **Alzo International** | **7** |
|  |  |  |  |
| Total |  |  | **100** |

**Manufacturing Procedure:**

1. In side beaker, mix Phase B until Avobenzone is fully dissolved. Heat slightly if necessary, then allow to cool back to room temperature.
2. Slowly add Phase B to NuLastic elastomer with overhead mixing until the sunscreen phase is completely absorbed and there is no pooled liquid

**Alzo Product Benefits:**

**Bernel Ester DCM** – lightweight, naturally derived ester with excellent powder sunscreen solvency. A great, less shiny alternative to synthetic sunscreen emollients

**NuLastic Soft ID-6 –** 6% active silicone elastomer in volatile carrier for soft feel and soft-focus effect. Able to make crystal clear gels with sunscreens.

.